



STATE OF ALASKA  
DEPARTMENT OF  
**COMMERCE**  
COMMUNITY AND  
ECONOMIC DEVELOPMENT

*Mike Dunleavy, Governor*  
*Julie Anderson, Commissioner*  
*Robert M. Pickett, Chairman*

**Regulatory Commission of Alaska**

November 10, 2021

In reply refer to: Tariff Section  
Files: U-19-085, U-19-091, U-20-071,  
TA390-121, TA512-8

Lee Thibert  
Chief Executive Officer  
Chugach Electric Association, Inc.  
P.O. Box 196300  
Anchorage, AK 99519-6300

Dear Mr. Thibert:

Pursuant to Order No. U-19-085(31)/U-19-091(30)/U-20-071(13), enclosed are validated copies of the following tariff sheets:

- Tariff Sheet Nos. 67, 68, 69, 70, 71, 72, 73, and 103, filed September 27, 2021, and Tariff Sheet No. 66, filed October 28, 2021, by Chugach Electric Association, Inc. (Chugach) in TA390-121; and
- Tariff Sheet Nos. 93, 94.04, 94.05, 94.1, 94.1.1, 94.1.2, 95.04, 95.05, 96, 97, 97.1.4, 97.5.2, and 97.6.1, filed September 27, 2021, and Tariff Sheet Nos. 94, 95, and 95.5, filed October 28, 2021, by Chugach in TA512-8;

The cost of power adjustment surcharges and small facility power purchase rates proposed in TA390-121 and TA512-8, are approved on an interim and refundable basis effective October 1, 2021. The effective date of Tariff Sheet Nos. 66, 94, 95, and 95.5 is November 1, 2021. Please note that "Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)" has been added to the bottom left corner of each tariff sheet.

Sincerely,

REGULATORY COMMISSION OF ALASKA

  
Becki Alvey (Nov 10, 2021 16:00 AKST)

Becki Alvey  
Tariff Section Manager

Enclosures

cc: Arthur Miller  
Executive Vice President, Regulatory and External Affairs  
Chugach Electric Association, Inc.  
P.O. Box 196300  
Anchorage, AK 99519-6300

RCA NO.: 1214<sup>th</sup> RevisionSheet No. 67

Canceling

3<sup>rd</sup> RevisionSheet No. 67**RECEIVED****SEP 27 2021**STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T  
POST ACQUISITION (CONTINUED)**

e.2. Purchased Power Adj. Factor: Predicted costs for the quarter beginning October 1, 2021

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	\$2,034,645	\$1,982,551	\$52,094
Base FIW Renewable Resource Cost	\$1,277,250	\$1,277,250	\$0
Non-Utility Generation	\$0	\$0	\$0
Pooling Agreement - MEA	\$0	\$0	\$0
Other Purchases	\$255,869	\$249,318	\$6,551
Subtotal	\$3,567,764	\$3,509,119	\$58,645
Less Purchased Power Credits			
Renewable Energy Certificates	\$0	\$0	\$0
Wheeling and Economy Revenue	(\$184,740)	(\$180,010)	(\$4,730)
Subtotal	(\$184,740)	(\$180,010)	(\$4,730)
Net Purchased Power Expense	\$3,383,024	\$3,329,109	\$53,915
Generation & Purchases (MWh)	570,062.4	555,804.0	14,258.4
Cost per MWh at Generation	\$5.93	\$5.99	\$3.78
Projected Balances as of September 30, 2021	(\$754,476)	(\$754,476)	\$0
Purchased Power Expense to be Recovered	\$2,628,548	\$2,574,633	\$53,915
Predicted Sales at G&T (MWh)	557,599.6	543,652.9	13,946.7
Purchased Power Adjustment Factor per kWh at G&T	\$0.00471	\$0.00474	----* R, R

\* Not calculated. Seward is billed for cost of power on a monthly basis.

Tariff Advice No. 390-121  
**Pursuant to U-19-085(31)/  
U-19-091(30)/U-20-071(13)**

Issued by:  
Chugach Electric Association, Inc  
P.O. Box 196300 Anchorage, Alaska 99519-6300

Effective: October 1, 2021

RCA NO.: 121 4<sup>th</sup> Revision Sheet No. 68

Canceling

3<sup>rd</sup> RevisionSheet No. 68**RECEIVED****SEP 27 2021**STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T  
POST ACQUISITION (CONTINUED)**

## e.3. Incremental Fire Island Wind Adjustment Factor:

Predicted costs for the quarter beginning October 1, 2021

Description	Total	Retail	Seward	
Predicted FIW Purchases (MWh)	13,167.5	13,167.5	----	
Purchased Power Rate	\$97.00	\$97.00	----	
Total FIW Purchased Power Cost	\$1,277,250	\$1,277,250	----	
Chugach Avoided Energy Cost at G&T (MWh)	\$55.68	\$55.68	----	
Estimated Cost Avoided Due to FIW Purchases	\$733,206	\$733,206	----	
Fire Island Wind Cost Differential	\$544,044	\$544,044	----	
Chugach Retail Generation & Purchases (MWh)	555,804.0	555,804.0	----	
Cost per MWh at Generation	\$0.98	\$0.98	----	
Predicted Sales at G&T (MWh)	555,804.0	555,804.0	----	
FIW Adjustment Factor per kWh at G&T	\$0.00098	\$0.00098	----	I, I

e.4. Summary of fuel and purchased power cost adjustment factors at G&T  
for rates effective October 1, 2021

Fuel & Purch. Pwr Costs to be Recovered	\$29,497,828	\$28,789,214	\$708,614	
Generation & Purchases (MWh)	570,062.4	555,804.0	14,258.4	
Cost per MWh at Generation	\$51.74	\$51.80	----	
Projected Balances as of September 30, 2021	(\$2,878,830)	(\$2,878,830)	\$0	
Total Costs Recovered at G&T	\$26,618,999	\$25,910,384	\$708,614	
Predicted Sales at G&T (MWh)	557,599.6	543,652.9	13,946.7	
Fuel and Purchased Power Adjustment				
Factor per kWh at G&T	\$0.04774	\$0.04766	---- *	R, R

\*Not calculated. Seward is billed for actual cost of power on a monthly basis.

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

**Pursuant to U-19-085(31)/**

Chugach Electric Association, Inc.

**U-19-091(30)/U-20-071(13)**

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 4<sup>th</sup> Revision Sheet No. 69



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3<sup>rd</sup> Revision Sheet No. 69

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**SEP 27 2021**

STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS  
POST ACQUISITION AT RETAIL DELIVERY: PRIMARY SERVICE**

e.5. Chugach retail cost of power adjustment factors for rates effective October 1, 2021

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery	\$25,910,384
2. Retail Fuel Adjustment Factor per kWh at G&T	\$0.04192
3. Retail Purchased Power Adjustment Factor per kWh at G&T	\$0.00474
4. Fire Island Wind Adjustment Factor per kWh at G&T	\$0.00098

5. Chugach Retail Service at Primary Voltage

A. Fuel Adjustment Factor

a) Primary kWh Sales at G&T	77,711,437.0	
b) Fuel Cost Recovery - Primary Voltage	\$3,257,663	
c) Primary kWh Sales at Delivery	74,596,346.8	
d) Fuel Adjustment Factor per kWh at Primary	<u>\$0.04367</u>	R
(Percent Primary Distribution Losses at G&T: 4.01%)		

B. Purchased Power Adjustment Factor

a) Primary kWh Sales at G&T	77,711,437.0	
b) Purchased Power Cost Recovery - Primary Voltage	\$368,352	
c) Primary kWh Sales at Delivery	74,596,346.8	
d) Purchased Power Adj. Factor per kWh at Primary	<u>\$0.00494</u>	R

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Primary kWh Sales at G&T	77,711,437.0	
b) FIW Cost Differential - Primary Voltage	\$76,157	
c) Primary kWh Sales at Delivery	74,596,346.8	
d) FIW Renewable Energy Adj. Factor per kWh at Primary	<u>\$0.00102</u>	I

D. Total Retail Service at Primary Voltage Delivery \$0.04963 I

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121      4<sup>th</sup> Revision      Sheet No. 70



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3<sup>rd</sup> Revision      Sheet No. 70

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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS  
POST ACQUISITION AT RETAIL DELIVERY: SECONDARY SERVICE**

e.6. Chugach retail cost of power adjustment factors for rates effective October 1, 2021

**6. Chugach Retail Service at Secondary Voltage**

**A. Fuel Adjustment Factor**

a) Secondary kWh Sales at G&T	465,941,450.1		
b) Fuel Cost Recovery - Secondary Voltage	\$19,532,266		
c) Secondary kWh Sales at Delivery	443,932,752.4		
d) Fuel Adjustment Factor per kWh at Secondary (Percent Secondary Distribution Losses at G&T: 4.72%)		<u>\$0.04400</u>	R

**B. Purchased Power Adjustment Factor**

a) Predicted Secondary kWh Sales at G&T	465,941,450.1		
b) Purchased Power Cost Recovery - Secondary Voltage	\$2,208,562		
c) Predicted Secondary kWh Sales at Delivery	443,932,752.4		
d) Purchased Power Adj. Factor per kWh at Secondary		<u>\$0.00497</u>	R

**C. Fire Island Wind Renewable Energy Adjustment Factor**

a) Predicted Secondary kWh Sales at G&T	465,941,450.1		
b) FIW Cost Differential - Secondary Voltage	\$456,623		
c) Predicted Secondary kWh Sales at Delivery	443,932,752.4		
d) FIW Renewable Energy Adj. Factor per kWh at Secondary		<u>\$0.00103</u>	I

**D. Total Retail Service at Secondary Voltage Delivery**      \$0.05000      I

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 4<sup>th</sup> Revision Sheet No. 71



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3<sup>rd</sup> Revision Sheet No. 71

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**SEP 27 2021**

STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

### **Restricted Rate Reduction Account Rebate**

The Restricted Rate Reduction (RRR) account rebate returns \$36 million from the Municipality Anchorage.<sup>1</sup> The RRR account rebate is returned to North District members in approximately dollar amounts over a targeted 36-month period beginning January 1, 2021 and continues until RRR account balance is depleted. Because the RRR account rebate is determined by projected sales and incorporates a balancing account, the actual return of the RRR account rebate may be shorter or longer than 36-months. In addition to the initial RRR account balance of \$36 million, interest earned on account balances is included in the rebate amounts.

The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

#### **A. Applicability**

The rebate is applicable to all North District members.

#### **B. RRR Account Rebate Balancing Account**

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of \$36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The amount shall include all interest earned on account balances.

#### **C. Rebate**

North District member billings will be adjusted on a quarterly basis to reflect changes in T rebate amounts.

Restricted Rate Reduction Account Rebate: (\$0.01628) per kWh I

<sup>1</sup> See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 4<sup>th</sup> Revision Sheet No. 72



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3<sup>rd</sup> Revision Sheet No. 72

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**SEP 27 2021**

STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

### **Beluga River Unit Contributed Capital Surcharge and Rebate**

The Beluga River Unit Contributed Capital (BRU Contributed Capital) adjustment process governs the collection of funds through a surcharge assessed to South District members and the disbursement of funds to North District members through a rebate over a targeted 120-month period, beginning January 1, 2021.<sup>1</sup> The BRU Contributed Capital adjustment mechanism reconciles historical contributions and future ratepayer benefit between members served in the South District and North District in the amount of \$176,612,912, or \$136,002,239 on a present value basis (10 years, 5% interest rate).

BRU Contributed Capital surcharge and rebate amounts are adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings. Because the surcharge and rebate amounts are determined by projected sales and incorporate balancing accounts, the actual life of the BRU Contributed Capital adjustment process may be shorter or longer than the 120-month period.

#### **A. Applicability**

The surcharge is applicable to all South District members and the rebate is applicable to all North District members.

#### **B. BRU Contributed Capital Balancing Accounts**

Chugach shall maintain a BRU Contributed Capital surcharge balancing account for South District members and a BRU Contributed Capital rebate balancing account for North District members. The South District balancing account starts with a debit balance of \$176,612,912 reflecting the amounts due from the South District members. The North District balancing account starts with a credit balance of \$176,612,912 reflecting the amount to be rebated. Each account will be reduced monthly by the amount of the surcharge collected and rebate returned to the members.

#### **C. Surcharge and Rebate Amounts**

Member billings will be adjusted on a quarterly basis to reflect changes in surcharge and rebate amounts.

South District BRU Contributed Capital Surcharge: \$0.01540 per kWh R

North District BRU Contributed Capital Rebate: (\$0.01497) per kWh R

<sup>1</sup> See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121      4<sup>th</sup> Revision      Sheet No. 73



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3<sup>rd</sup> Revision      Sheet No. 73

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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION  
WITH BRU CONTRIBUTED CAPITAL AND RRR REBATE ADJUSTMENTS**

	<b>South District</b>		<b>North District</b>		
	Primary	Secondary	Primary	Secondary	
Fuel Rate	\$0.04367	\$0.04400	\$0.04367	\$0.04400	R, R, R, R
Purchased Power Rate	\$0.00494	\$0.00497	\$0.00494	\$0.00497	R, R, R, R
FIW Adj Factor	\$0.00102	\$0.00103	\$0.00102	\$0.00103	I, I, I, I
Subtotal	\$0.04963	\$0.05000	\$0.04963	\$0.05000	I, I, I, I
BRU Contributed Capital	\$0.01540	\$0.01540	(\$0.01497)	(\$0.01497)	R, R, R, R
Subtotal	\$0.06503	\$0.06540	\$0.03466	\$0.03503	R, R, I, I
RRR Rebate	---	---	(\$0.01628)	(\$0.01628)	I, I
Total per kWh Rate	\$0.06503	\$0.06540	\$0.01839	\$0.01876	R, R, I, I

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300



RCA NO.: 121      4<sup>th</sup> Revision      Sheet No. 103



Canceling

3<sup>rd</sup> Revision      Sheet No. 103

**RECEIVED**

**SEP 27 2021**

STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**POST ACQUISITION PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION,  
SMALL POWER PRODUCTION, AND STANDBY/BUYBACK FACILITIES**

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	\$25,641,889	
2. Non-fuel O&M expense	\$137,023	
3. Balancing Account as of June 30, 2021	\$3,357	
4. Total Avoided Cost Included in Rate	\$25,782,269	
5. kWh Sales at G&T predicted for next quarter:	463,019,744	
6. Avoided Cost per kWh at G&T (L4) / L5		<u>\$0.05568</u> I
7. Avoided Cost at Retail Primary Voltage		
a) Retail Primary kWh Sales at G&T	77,711,437	
(Percent Primary Distribution Losses at G&T: 4.01%)		
b) Retail Primary kWh Sales at Delivery	74,596,347	
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)		<u>\$0.05801</u> I
8. Avoided Cost at Retail Secondary Voltage		
a) Retail Secondary kWh Sales at G&T	465,941,450	
(Percent Secondary Distribution Losses at G&T: 4.72%)		
b) Retail Secondary kWh Sales at Delivery	443,932,752	
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)		<u>\$0.05844</u> I

These rates will change concurrently with cost of power factor adjustments and general rate revisions.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 1216<sup>th</sup> RevisionSheet No. 66

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5<sup>th</sup> RevisionSheet No. 66

Chugach Electric Association, Inc.

**RECEIVED****OCT 28 2021**STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA**COST OF POWER ADJUSTMENT FACTORS AT G&T POST ACQUISITION**

e.1. Fuel Adjustment Factor: Predicted Costs for the quarter beginning October 1, 2021

	Total	Retail	Seward
Natural Gas Fuel Expense by Contract			
AIX Energy, LLC (4/2016-3/2024)	\$0	\$0	\$0
BRU	\$4,918,231	\$4,792,307	\$125,924
Cook Inlet Energy (2014-3/2023)	\$0	\$0	\$0
Furie (11/2021-3/2023)	\$0	\$0	\$0
Hilcorp Alaska, LLC - Firm (1/2015-3/2028)	\$14,662,289	\$14,286,884	\$375,405
Hilcorp Alaska, LLC - Non-Firm (2/2021-8/2021)	\$0	\$0	\$0
Other Fuel Expenses			
Emergency Generator and Other Misc. Fuel	\$0	\$0	\$0
CINGSA - FSS, ISS and Fees	\$1,367,035	\$1,332,034	\$35,001
CINGSA - Gas Withdrawn	\$3,420,687	\$3,333,106	\$87,581
Gas Transportation and Compression	\$2,313,555	\$2,254,320	\$59,235
	\$26,681,798	\$25,998,652	\$683,146
Less Credits			
Economy Sales: Fuel and Margins	(\$696,728)	(\$678,890)	(\$17,839)
Wheeling Revenue	(\$144,865)	(\$141,156)	(\$3,709)
AWWU Water Sales	(\$105,000)	(\$102,312)	(\$2,688)
Pooling Agreement - MEA	(\$164,444)	(\$160,234)	(\$4,210)
Gas Exchange Revenue	\$0	\$0	\$0
Subtotal	(\$1,111,038)	(\$1,082,591)	(\$28,446)
Net Fuel Expense	\$25,570,760	\$24,916,061	\$654,699
Generation & Purchases (MWh)	570,062.4	555,804.0	14,258.4
Cost per MWh at Generation	\$44.86	\$44.83	\$45.92
Projected Balances as of September 30, 2021	(\$2,124,354)	(\$2,124,354)	\$0
Fuel Expense to be Recovered at G&T	\$23,446,406	\$22,791,707	\$654,699
Predicted Sales at G&T (MWh)	557,599.6	543,652.9	13,946.7
Fuel Adjustment Factor per kWh at G&T	\$0.04205	\$0.04192	----* R, R

\*Not calculated. Seward is billed for actual cost of power on a monthly basis.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 390-121

Issued by:

Effective: November 1, 2021

Chugach Electric Association, Inc  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 8<sup>th</sup> Revision Sheet No. 93



Canceling

7<sup>th</sup> Revision Sheet No. 93

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**SEP 27 2021**

STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

### **Restricted Rate Reduction Account Rebate**

The Restricted Rate Reduction (RRR) account rebate returns \$36 million from the Municipality Anchorage.<sup>1</sup> The RRR account rebate is returned to North District members in approximately dollar amounts over a targeted 36-month period beginning January 1, 2021 and continues until RRR account balance is depleted. Because the RRR account rebate is determined by projected sales and incorporates a balancing account, the actual return of the RRR account rebate may be shorter or longer than 36-months. In addition to the initial RRR account balance of \$36 million, interest earned on account balances is included in the rebate amounts.

The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

#### **A. Applicability**

The rebate is applicable to all North District members.

#### **B. RRR Account Rebate Balancing Account**

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of \$36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The amount shall include all interest earned on account balances.

#### **C. Rebate**

North District member billings will be adjusted on a quarterly basis to reflect changes in T rebate amounts.

Restricted Rate Reduction Account Rebate: (\$0.01628) per kWh I

<sup>1</sup> See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 46<sup>th</sup> Revision Sheet No. 94.04

Canceling

45<sup>th</sup> RevisionSheet No. 94.04**RECEIVED****SEP 27 2021**STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T  
POST ACQUISITION (CONTINUED)**

e.2. Purchased Power Adj. Factor: Predicted costs for the quarter beginning October 1, 2021

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	\$2,034,645	\$1,982,551	\$52,094
Base FIW Renewable Resource Cost	\$1,277,250	\$1,277,250	\$0
Non-Utility Generation	\$0	\$0	\$0
Pooling Agreement - MEA	\$0	\$0	\$0
Other Purchases	\$255,869	\$249,318	\$6,551
Subtotal	\$3,567,764	\$3,509,119	\$58,645
Less Purchased Power Credits			
Renewable Energy Certificates	\$0	\$0	\$0
Wheeling and Economy Revenue	(\$184,740)	(\$180,010)	(\$4,730)
Subtotal	(\$184,740)	(\$180,010)	(\$4,730)
Net Purchased Power Expense	\$3,383,024	\$3,329,109	\$53,915
Generation & Purchases (MWh)	570,062.4	555,804.0	14,258.4
Cost per MWh at Generation	\$5.93	\$5.99	\$3.78
Projected Balances as of September 30, 2021	(\$754,476)	(\$754,476)	\$0
Purchased Power Expense to be Recovered	\$2,628,548	\$2,574,633	\$53,915
Predicted Sales at G&T (MWh)	557,599.6	543,652.9	13,946.7
Purchased Power Adjustment Factor per kWh at G&T	\$0.00471	\$0.00474	----* R, R

\* Not calculated. Seward is billed for cost of power on a monthly basis.

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

**Pursuant to U-19-085(31)/  
U-19-091(30)/U-20-071(13)**

Chugach Electric Association, Inc

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 56<sup>th</sup> Revision Sheet No. 94.05



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55<sup>th</sup> Revision

Sheet No. 94.05

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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T  
POST ACQUISITION (CONTINUED)**

**e.3. Incremental Fire Island Wind Adjustment Factor:**

Predicted costs for the quarter beginning October 1, 2021

Description	Total	Retail	Seward	
Predicted FIW Purchases (MWh)	13,167.5	13,167.5	----	
Purchased Power Rate	\$97.00	\$97.00	----	
Total FIW Purchased Power Cost	\$1,277,250	\$1,277,250	----	
Chugach Avoided Energy Cost at G&T (MWh)	\$55.68	\$55.68	----	
Estimated Cost Avoided Due to FIW Purchases	\$733,206	\$733,206	----	
Fire Island Wind Cost Differential	\$544,044	\$544,044	----	
Chugach Retail Generation & Purchases (MWh)	555,804.0	555,804.0	----	
Cost per MWh at Generation	\$0.98	\$0.98	----	
Predicted Sales at G&T (MWh)	555,804.0	555,804.0	----	
FIW Adjustment Factor per kWh at G&T	\$0.00098	\$0.00098	----	I, I

**e.4. Summary of fuel and purchased power cost adjustment factors at G&T  
for rates effective October 1, 2021**

Fuel & Purch. Pwr Costs to be Recovered	\$29,497,828	\$28,789,214	\$708,614	
Generation & Purchases (MWh)	570,062.4	555,804.0	14,258.4	
Cost per MWh at Generation	\$51.74	\$51.80	----	
Projected Balances as of September 30, 2021	(\$2,878,830)	(\$2,878,830)	\$0	
Total Costs Recovered at G&T	\$26,618,999	\$25,910,384	\$708,614	
Predicted Sales at G&T (MWh)	557,599.6	543,652.9	13,946.7	
Fuel and Purchased Power Adjustment				
Factor per kWh at G&T	\$0.04774	\$0.04766	---- *	R, R

\*Not calculated. Seward is billed for actual cost of power on a monthly basis.

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

**Pursuant to U-19-085(31)/**

Chugach Electric Association, Inc.

**U-19-091(30)/U-20-071(13)** P.O. Box 196300 Anchorage, Alaska 99519-6300

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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS**  
**POST ACQUISITION AT RETAIL DELIVERY: PRIMARY SERVICE**

e.5. Chugach retail cost of power adjustment factors for rates effective October 1, 2021

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery	\$25,910,384
2. Retail Fuel Adjustment Factor per kWh at G&T	\$0.04192
3. Retail Purchased Power Adjustment Factor per kWh at G&T	\$0.00474
4. Fire Island Wind Adjustment Factor per kWh at G&T	\$0.00098

5. Chugach Retail Service at Primary Voltage

A. Fuel Adjustment Factor

a) Primary kWh Sales at G&T	77,711,437.0	
b) Fuel Cost Recovery - Primary Voltage	\$3,257,663	
c) Primary kWh Sales at Delivery	74,596,346.8	
d) Fuel Adjustment Factor per kWh at Primary	<u>\$0.04367</u>	R
(Percent Primary Distribution Losses at G&T: 4.01%)		

B. Purchased Power Adjustment Factor

a) Primary kWh Sales at G&T	77,711,437.0	
b) Purchased Power Cost Recovery - Primary Voltage	\$368,352	
c) Primary kWh Sales at Delivery	74,596,346.8	
d) Purchased Power Adj. Factor per kWh at Primary	<u>\$0.00494</u>	R

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Primary kWh Sales at G&T	77,711,437.0	
b) FIW Cost Differential - Primary Voltage	\$76,157	
c) Primary kWh Sales at Delivery	74,596,346.8	
d) FIW Renewable Energy Adj. Factor per kWh at Primary	<u>\$0.00102</u>	I

D. Total Retail Service at Primary Voltage Delivery	\$0.04963	I
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Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

**Pursuant to U-19-085(31)/**

Chugach Electric Association, Inc.

**U-19-091(30)/U-20-071(13)** P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 41<sup>st</sup> Revision Sheet No. 94.1.1



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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS  
POST ACQUISITION AT RETAIL DELIVERY: SECONDARY SERVICE**

e.6. Chugach retail cost of power adjustment factors for rates effective October 1, 2021

**6. Chugach Retail Service at Secondary Voltage**

**A. Fuel Adjustment Factor**

a) Secondary kWh Sales at G&T	465,941,450.1		
b) Fuel Cost Recovery - Secondary Voltage	\$19,532,266		
c) Secondary kWh Sales at Delivery	443,932,752.4		
d) Fuel Adjustment Factor per kWh at Secondary		<u>\$0.04400</u>	R
(Percent Secondary Distribution Losses at G&T: 4.72%)			

**B. Purchased Power Adjustment Factor**

a) Predicted Secondary kWh Sales at G&T	465,941,450.1		
b) Purchased Power Cost Recovery - Secondary Voltage	\$2,208,562		
c) Predicted Secondary kWh Sales at Delivery	443,932,752.4		
d) Purchased Power Adj. Factor per kWh at Secondary		<u>\$0.00497</u>	R

**C. Fire Island Wind Renewable Energy Adjustment Factor**

a) Predicted Secondary kWh Sales at G&T	465,941,450.1		
b) FIW Cost Differential - Secondary Voltage	\$456,623		
c) Predicted Secondary kWh Sales at Delivery	443,932,752.4		
d) FIW Renewable Energy Adj. Factor per kWh at Secondary		<u>\$0.00103</u>	I

**D. Total Retail Service at Secondary Voltage Delivery** \$0.05000 I

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION  
WITH BRU CONTRIBUTED CAPITAL AND RRR REBATE ADJUSTMENTS**

	<b>South District</b>		<b>North District</b>		
	Primary	Secondary	Primary	Secondary	
Fuel Rate	\$0.04367	\$0.04400	\$0.04367	\$0.04400	R, R, R, R
Purchased Power Rate	\$0.00494	\$0.00497	\$0.00494	\$0.00497	R, R, R, R
FIW Adj Factor	\$0.00102	\$0.00103	\$0.00102	\$0.00103	I, I, I, I
Subtotal	\$0.04963	\$0.05000	\$0.04963	\$0.05000	I, I, I, I
BRU Contributed Capital	\$0.01540	\$0.01540	(\$0.01497)	(\$0.01497)	R, R, R, R
Subtotal	\$0.06503	\$0.06540	\$0.03466	\$0.03503	R, R, I, I
RRR Rebate	---	---	(\$0.01628)	(\$0.01628)	I, I
Total per kWh Rate	\$0.06503	\$0.06540	\$0.01839	\$0.01876	R, R, I, I

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION  
(CONTINUED)**

f.2. Actual purchased power costs for the quarter ending June 30, 2021

Description	Total	Retail	Seward
Purchased Power Adjustment Factor			
Balance as of March 31, 2021	(\$3,030,148)	(\$3,030,148)	\$0
Purchased Power Expense			
Bradley Lake Purchases	\$3,186,221	\$3,103,471	\$82,750
FIW Renewable Resource Expense	\$1,215,043	\$1,215,043	\$0
Non-Utility Generation	\$14,276	\$13,822	\$454
Pooling Agreement - MEA	\$5,253	\$5,085	\$168
Other Purchases	\$103,740	\$100,458	\$3,283
Subtotal	\$4,524,533	\$4,437,879	\$86,655
Less Purchased Power Credits			
Renewable Energy Certificates	\$0	\$0	\$0
Wheeling and Economy Revenue	(\$428,214)	(\$414,776)	(\$13,439)
Subtotal	(\$428,214)	(\$414,776)	(\$13,439)
Net Purchased Power Expense	\$4,096,319	\$4,023,103	\$73,216
Generation & Purchases (MWh)	479,289	464,555	14,735
Cost per MWh at Generation	\$8.55	\$8.66	\$4.97
Purchased Power Cost Recovery	\$2,349,395	\$2,276,179	\$73,216
Quarter Balance	\$1,746,924	\$1,746,924	\$0

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.

P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8 53<sup>rd</sup> Revision Sheet No. 95.05



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REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION  
(CONTINUED)**

f.3. Summary of Actual Cost of Power Adjustment Factor Balances

Description	Total	Retail	Seward
Fuel and Purchased Power Balance as of March 31, 2021	(\$3,117,953)	(\$3,117,953)	\$0
Balance for Quarter Ending June 30, 2021			
Fuel and Purchased Power Costs	\$22,877,631	\$22,211,797	\$665,834
Generation & Purchases (MWh)	479,289	464,555	14,735
Cost per MWh at Generation	\$47.73	\$47.81	\$45.19
Fuel and Purchased Power Recovery	\$22,830,036	\$22,164,201	\$665,834
Balance for Quarter Ended June 30, 2021	\$47,596	\$47,596	\$0
Cumulative Balance at Quarter Ended June 30, 2021	(\$3,070,358)	(\$3,070,358)	\$0

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.

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RCA NO.: 8 31<sup>st</sup> Revision Sheet No. 96



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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

### **Beluga River Unit Contributed Capital Surcharge and Rebate**

The Beluga River Unit Contributed Capital (BRU Contributed Capital) adjustment process governs the collection of funds through a surcharge assessed to South District members and the disbursement of funds to North District members through a rebate over a targeted 120-month period, beginning January 1, 2021.<sup>1</sup> The BRU Contributed Capital adjustment mechanism reconciles historical contributions and future ratepayer benefit between members served in the South District and North District in the amount of \$176,612,912, or \$136,002,239 on a present value basis (10 years, 5% interest rate).

BRU Contributed Capital surcharge and rebate amounts are adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings. Because the surcharge and rebate amounts are determined by projected sales and incorporate balancing accounts, the actual life of the BRU Contributed Capital adjustment process may be shorter or longer than the 120-month period.

#### **A. Applicability**

The surcharge is applicable to all South District members and the rebate is applicable to all North District members.

#### **B. BRU Contributed Capital Balancing Accounts**

Chugach shall maintain a BRU Contributed Capital surcharge balancing account for South District members and a BRU Contributed Capital rebate balancing account for North District members. The South District balancing account starts with a debit balance of \$176,612,912 reflecting the amounts due from the South District members. The North District balancing account starts with a credit balance of \$176,612,912 reflecting the amount to be rebated. Each account will be reduced monthly by the amount of the surcharge collected and rebate returned to the members.

#### **C. Surcharge and Rebate Amounts**

Member billings will be adjusted on a quarterly basis to reflect changes in surcharge and rebate amounts.

South District BRU Contributed Capital Surcharge: \$0.01540 per kWh R

North District BRU Contributed Capital Rebate: (\$0.01497) per kWh R

<sup>1</sup> See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      146<sup>th</sup> Revision      Sheet No. 97



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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**POST ACQUISITION PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION,  
SMALL POWER PRODUCTION, AND STANDBY/BUYBACK FACILITIES**

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	\$25,641,889	
2. Non-fuel O&M expense	\$137,023	
3. Balancing Account as of June 30, 2021	\$3,357	
4. Total Avoided Cost Included in Rate	25,782,269	
5. kWh Sales at G&T predicted for next quarter:	463,019,744	
6. Avoided Cost per kWh at G&T (L4) / L5		<u>\$0.05568</u> I
7. Avoided Cost at Retail Primary Voltage		
a) Retail Primary kWh Sales at G&T	77,711,437	
(Percent Primary Distribution Losses at G&T: 4.01%)		
b) Retail Primary kWh Sales at Delivery	74,596,347	
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)		<u>\$0.05801</u> I
8. Avoided Cost at Retail Secondary Voltage		
a) Retail Secondary kWh Sales at G&T	465,941,450	
(Percent Secondary Distribution Losses at G&T: 4.72%)		
b) Retail Secondary kWh Sales at Delivery	443,932,752	
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)		<u>\$0.05844</u> I

These rates will change concurrently with cost of power factor adjustments and general rate revisions.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

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RCA NO.: 8 9<sup>th</sup> Revision Sheet No. 97.1.4



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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTOR HISTORY  
(SERVICE AT TRANSMISSION DELIVERY, RETAIL)**

For Rates Effective	Chugach Retail (Rate per kWh)			
	Total	Fuel	Purchased Power	FIW Adjustment Factor
October 1, 2019	\$0.06178	\$0.05868	\$0.00132	\$0.00178
November 1, 2019	\$0.06172	\$0.05862	\$0.00132	\$0.00178
January 1, 2020	\$0.06692	\$0.05799	\$0.00655	\$0.00238
April 1, 2020	\$0.06679	\$0.03845	\$0.02657	\$0.00177
July 1, 2020	\$0.06085	\$0.03874	\$0.02031	\$0.00180
October 1, 2020	\$0.06392	\$0.04548	\$0.01654	\$0.00190
<b>Post Acquisition:</b>				
January 1, 2021	\$0.04696	\$0.03936	\$0.00587	\$0.00173
April 1, 2021	\$0.04786	\$0.04214	\$0.00488	\$0.00084
July 1, 2021	\$0.04841	\$0.04284	\$0.00488	\$0.00069
October 1, 2021	\$0.04764	\$0.04192	\$0.00474	\$0.00098

N

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

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RCA NO.: 8 9<sup>th</sup> Revision Sheet No. 97.5.2



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STATE OF ALASKA  
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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTOR HISTORY  
(SERVICE AT CHUGACH RETAIL DELIVERY)**

For Rates Effective	Primary Voltage (Rate per kWh)				
	Total	Fuel	Purchased Power	FIW Adjustment Factor	
October 1, 2019	\$0.06720	\$0.06382	\$0.00144	\$0.00194	
November 1, 2019	\$0.06714	\$0.06376	\$0.00144	\$0.00194	
January 1, 2020	\$0.06862	\$0.05946	\$0.00672	\$0.00244	
April 1, 2020	\$0.06822	\$0.03927	\$0.02714	\$0.00181	
July 1, 2020	\$0.06805	\$0.04333	\$0.02271	\$0.00201	
October 1, 2020	\$0.06791	\$0.04832	\$0.01757	\$0.00202	
<b>Post Acquisition:</b>					
January 1, 2021	\$0.04729	\$0.03964	\$0.00591	\$0.00174	
April 1, 2021	\$0.04944	\$0.04353	\$0.00504	\$0.00087	
July 1, 2021	\$0.04952	\$0.04382	\$0.00499	\$0.00071	
October 1, 2021	\$0.04963	\$0.04367	\$0.00494	\$0.00102	N

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

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RCA NO.: 8 9<sup>th</sup> Revision Sheet No. 97.6.1



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STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTOR HISTORY  
(SERVICE AT CHUGACH RETAIL SECONDARY VOLTAGE DELIVERY)**

For Rates Effective	Total	Secondary Voltage (Rate per kWh)			
		Fuel	Purchased Power	FIW Adjustment Factor	
October 1, 2019	\$0.06770	\$0.06430	\$0.00145	\$0.00195	
November 1, 2019	\$0.06764	\$0.06424	\$0.00145	\$0.00195	
January 1, 2020	\$0.06913	\$0.05990	\$0.00677	\$0.00246	
April 1, 2020	\$0.06873	\$0.03957	\$0.02734	\$0.00182	
July 1, 2020	\$0.06857	\$0.04365	\$0.02289	\$0.00203	
October 1, 2020	\$0.06841	\$0.04868	\$0.01770	\$0.00203	
<b>Post Acquisition:</b>					
January 1, 2021	\$0.04766	\$0.03994	\$0.00596	\$0.00176	
April 1, 2021	\$0.04980	\$0.04385	\$0.00508	\$0.00087	
July 1, 2021	\$0.04989	\$0.04415	\$0.00503	\$0.00071	
October 1, 2021	\$0.05000	\$0.04400	\$0.00497	\$0.00103	N

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: October 1, 2021

Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8168<sup>th</sup> RevisionSheet No. 94

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### COST OF POWER ADJUSTMENT FACTORS AT G&T POST ACQUISITION

e.1. Fuel Adjustment Factor: Predicted Costs for the quarter beginning October 1, 2021

	Total	Retail	Seward
Natural Gas Fuel Expense by Contract			
AIX Energy, LLC (4/2016-3/2024)	\$0	\$0	\$0
BRU	\$4,918,231	\$4,792,307	\$125,924
Cook Inlet Energy (2014-3/2023)	\$0	\$0	\$0
Furie (11/2021-3/2023)	\$0	\$0	\$0
Hilcorp Alaska, LLC - Firm (1/2015-3/2028)	\$14,662,289	\$14,286,884	\$375,405
Hilcorp Alaska, LLC - Non-Firm (2/2021-8/2021)	\$0	\$0	\$0
Other Fuel Expenses			
Emergency Generator and Other Misc. Fuel	\$0	\$0	\$0
CINGSA - FSS, ISS and Fees	\$1,367,035	\$1,332,034	\$35,001
CINGSA - Gas Withdrawn	\$3,420,687	\$3,333,106	\$87,581
Gas Transportation and Compression	\$2,313,555	\$2,254,320	\$59,235
	\$26,681,798	\$25,998,652	\$683,146
Less Credits			
Economy Sales: Fuel and Margins	(\$696,728)	(\$678,890)	(\$17,839)
Wheeling Revenue	(\$144,865)	(\$141,156)	(\$3,709)
AWWU Water Sales	(\$105,000)	(\$102,312)	(\$2,688)
Pooling Agreement - MEA	(\$164,444)	(\$160,234)	(\$4,210)
Gas Exchange Revenue	\$0	\$0	\$0
Subtotal	(\$1,111,038)	(\$1,082,591)	(\$28,446)
Net Fuel Expense	\$25,570,760	\$24,916,061	\$654,699
Generation & Purchases (MWh)	570,062.4	555,804.0	14,258.4
Cost per MWh at Generation	\$44.86	\$44.83	\$45.92
Projected Balances as of September 30, 2021	(\$2,124,354)	(\$2,124,354)	\$0
Fuel Expense to be Recovered at G&T	\$23,446,406	\$22,791,707	\$654,699
Predicted Sales at G&T (MWh)	557,599.6	543,652.9	13,946.7
Fuel Adjustment Factor per kWh at G&T	\$0.04205	\$0.04192	----* R, R

\*Not calculated. Seward is billed for actual cost of power on a monthly basis.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

Issued by:

Effective: November 1, 2021

Chugach Electric Association, Inc  
 P.O. Box 196300 Anchorage, Alaska 99519-6300



RCA NO.: 8 166<sup>th</sup> Revision Sheet No. 95



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STATE OF ALASKA  
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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION**

f. 1. Actual fuel costs for the quarter ending June 30, 2021

Description	Total	Retail	Seward
Fuel Adjustment Factor Balance as of March 31, 2021	(\$87,805)	(\$87,805)	\$0
Fuel Expense for Quarter Ending June 30, 2021			
BRU	\$4,074,809	\$3,946,105	\$128,704
AIX Energy, LLC (4/2016-3/2024)	\$0	\$0	\$0
Hilcorp Alaska, LLC - Firm (1/2015-3/2028)	\$11,955,568	\$11,578,567	\$377,001
Hilcorp Alaska, LLC - Non-Firm (2/2021-8/2021)	\$1,292,950	\$1,252,436	\$40,514
Cook Inlet Energy (2014-3/2023)	\$0	\$0	\$0
Furie (11/2021-3/2023)	\$549,428	\$532,234	\$17,194
Emergency Generator and Diesel Fuel	\$761	\$738	\$24
CINGSA - FSS, ISS and Fees	\$1,172,296	\$1,135,253	\$37,043
CINGSA - Gas Withdrawn	\$436,742	\$422,803	\$13,939
Gas Transportation and Compression	\$1,621,239	\$1,570,075	\$51,164
Adjustment	\$0	\$0	\$0
Total Fuel and Transportation Expense	\$21,103,794	\$20,438,211	\$665,583
Less Credits			
Economy Sales: Fuel and Margins	(\$1,590,498)	(\$1,540,667)	(\$49,831)
AWWU Water Sales Revenue	\$16,801	\$16,393	\$408
Gas Exchange Revenue	(\$139,805)	(\$135,426)	(\$4,379)
Pooling Agreement - MEA	(\$119,184)	(\$115,419)	(\$3,764)
Wheeling Revenue	(\$489,796)	(\$474,397)	(\$15,399)
Subtotal	(\$2,322,481)	(\$2,249,516)	(\$72,965)
Net Fuel Expense	\$18,781,313	\$18,188,695	\$592,618
Generation & Purchases (MWh)	479,289	464,555	14,735
Cost per MWh at Generation	\$39.19	\$39.15	\$40.22
Total Fuel Cost Recovery	\$20,480,641	\$19,888,023	\$592,618
Quarter Balance	(\$1,699,328)	(\$1,699,328)	\$0

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8 Issued by: Effective: November 1, 2021  
Chugach Electric Association, Inc.  
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 8      104<sup>th</sup> Revision      Sheet No. 95.5



Canceling

103<sup>rd</sup> Revision

Sheet No. 95.5

**RECEIVED**  
**OCT 28 2021**

STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

# **SUMMARY OF ACTUAL AND PROJECTED COST OF POWER POST ACQUISITION**

Description	Actual - Quarter Ended June 2021			Projected - Quarter Ended December 2021		
	Volume <sup>1</sup>	Unit Cost	Total Cost	Volume	Unit Cost	Total Cost
Fuel Expense						
BRU	1,202,009	\$3.39	\$4,074,809	1,373,807	\$3.58	\$4,918,231
AIX Energy, LLC (4/2016-3/2024)	----	\$0.00	\$0	----	\$0.00	\$0
Hilcorp Alaska, LLC - Firm (1/2015-3/2028)	1,555,379	\$7.55	\$11,743,110	1,942,025	\$7.55	\$14,662,289
Hilcorp Alaska, LLC - Non-Firm (2/2021-8/2021)	167,867	\$7.70	\$1,292,950	----	\$0.00	\$0
Cook Inlet Energy (2014-3/2023)	----	\$0.00	\$0	----	\$0.00	\$0
Furie (11/2021-3/2023)	58,146	\$7.47	\$434,349	----	\$0.00	\$0
CINGSA - FSS, ISS and Fees	----	----	\$1,172,296	----	----	\$1,367,035
CINGSA - Gas Withdrawn	59,072	\$7.39	\$436,742	446,565	\$7.66	\$3,420,687
Emergency Generator and Diesel Fuel	----	----	\$761	----	----	\$0
Gas Transportation and Compression	----	----	\$1,621,239	----	----	\$2,313,555
Adjustment	43,545	\$7.52	\$327,539	0	\$0.00	\$0
Subtotal	3,086,018	\$6.84	\$21,103,794	3,762,398	\$7.09	\$26,681,798
Purchased Power Expense						
Bradley Lake Purchases, MWh	56,580	\$56.31	\$3,186,221	52,870	\$38.48	\$2,034,645
FIW Renewable Resource Exp.	12,516	\$97.08	\$1,215,043	13,168	\$97.00	\$1,277,250
Non-Utility Generation	53	----	\$14,276	----	\$0.00	\$0
Other Purchases, MWh	----	----	\$108,993	----	----	\$255,869
Subtotal	69,150	\$65.43	\$4,524,533	66,038	\$54.03	\$3,567,764
Total Fuel & Purch. Power Expense	----	----	\$25,628,327	----	----	\$30,249,562

<sup>1</sup> Fuel volumes from invoices.

**Pursuant to U-19-085(31)/U-19-091(30)/U-20-071(13)**

Tariff Advice No. 512-8

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